

BIBLIOGRAPHICAL RECORD.

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A colon after initial designates the most common given name, as: A: Augustus; B: Benjamin; C: Charles; D: David; E: Edward; F: Frederic; G: George; H: Henry; I: Isaac; J: John; K: Karl; L: Louis; M: Mark; N: Nicholas; O: Otto; P: Peter; R: Richard; S: Samuel; T: Thomas; W: William. The initials at the end of each record, or note, are those of the recorder.

Corrections of errors and notices of omissions are solicited.

Gerber, Armand. Conservation des collections entomologiques. (Feuille des jeunes naturalistes, 1 Dec. 1880, an. 11, p. 30-31.)

Discusses the merits of the essence of bitter almonds (C⁶H⁶, COH) and the essence of mirbane, or nitrobenzole (C⁶H⁵, NO²) for keeping collections of insects free of pests. G: D. (3409)

Illinois state laboratory of natural history, Normal, Illinois—Director, 1881-1882. (Stephen Alfred Forbes). Report of the director of the state laboratory of natural history, for the two years, ending June 30, 1881, and June 30, 1882. [Normal, Ill., Mich. 1883.] t.-p. cover, n. t.-p., 12 p., 23 X 15, t 18 X 11.

Report of progress made in the different kinds of work of the Illinois state laboratory of natural history. Considerable space is devoted to the work in branches of economic entomology. G: D. (3407)

Osten Sacken, C: Robert. [*Lasioptera solidaginis* and *trypeta solidaginis*.] (Proc. entom. soc. Philad., July 1863, v. 2, p. 77.)

Note supplementary to author's "*Lasioptera* reared from a gall on the golden-rod" (*op. cit.*, Feb. 1863, v. 1, p. 368-370) [Rec., 3401]; *lasioptera solidaginis* bred from galls [of *curvitychia saligneana*] on *solidago* and similar galls on *vernonia*; *trypeta asteris* [Harris = *t. solidaginis* Fitch; it is not certain that this fly makes galls on *aster*. B: P. M. (3408)

Riley, C: Valentine. Conical galls on leaves of wild grape-vine. (Moore's rural new-yorker, 28 Aug. 1869, v. 20, p. 555, col. 3-4, 12 cm.)

Brief description of galls [o. *cecidomyia vitis-viticola*]; characters of larvae of *cecidomyia*. B: P. M. (3409)

[**Riley, C: Valentine.**] Covering of egg-puncture mistaken for *dorthesia*. (Amer. nat., July 1881, v. 15, p. 574.)

In the collection of Asa Fitch the white and ribbed waxy material covering the egg-punctures of *eucophyl- lum binotatum* are labelled as *dorthesia viburni* and *d. colatzi*. It is doubtful whether any such species were described by Fitch. B: P. M. (3410)

[**Riley, C: Valentine.**] Cypress-gall. (Amer. entom. and bot., June 1870, v. 2, p. 244, 19 cm., fig. 153.)

Description and figures of gall and description of larva and imago of *cecidomyia cypressi-ananassa* on cypresses "*thyoides*" [*disticha*]; figure of breast-bone of larva. B: P. M. (3411)

Riley, C: Valentine. Dr. Hagen's mystery. (Can. entom., Dec. 1880, v. 12, p. 263-264.)

Crit. rev. of H. A. Hagen's "A mystery in reference to *pronuba yuccasella*" (*op. cit.*, July, p. 128-129) [Rec., 3378]; the remarks in that article are admitted by Dr. Hagen to have been founded upon the confusion of *prodovus decipiens* with *tegeticola yuccasella*. B: P. M. (3412)

Riley, C: Valentine. On a gall-making genus of *apiointinae*. (Bull. Brooklyn entom. soc., Oct. 1883, v. 6, p. 61-62.)

Separate. [Brooklyn N. Y., 1883.] 2 p., 23 X 15.

List of gall-making coleoptera hitherto found in North America; description of the new genus *podopion* and of the gall and imago of *p. gallirola* n. sp., found on twigs of *pinus inops*; probable life-habits, inclinations and parasite of this insect. B: P. M. (3413)

[**Riley, C: Valentine.**] Gall on *solidago* leaves. (Amer. entom., Nov. 1880, v. 3, n. 8, v. 1, p. 278, 4 cm.)

Letter from H. Barnes, with answer; occurrence of galls of *cecidomyia carbonifera* on leaves of *solidago nemoralis*? at Mulberry Corners, Ohio. B: P. M. (3414)

[**Riley, C: Valentine.**] Galls. (Amer. entom. and bot., Dec. 1870, v. 2, p. 372, 3 cm.)

Notice of author's studies on North American gall-insects, and request for specimens and notes upon that subject. B: P. M. (3415)

[**Riley, C: Valentine.**] Galls and gall-insects. (Amer. nat., May [16 Apr.] 1881, v. 15, p. 402-403.) (RILEY, C: V. Entomology . . . [May 1881], p. 402-403.)

Review of H. F. Bassett's "New species of *cynipidae*" (Can. entom., Mich. 1881, v. 13, p. 51-57) [Rec., 3357], with additional notes on the gall of *cynips quercus-calfornica*; this gall found on *quercus douglasii*, and infested by *ozognathus cornutus* even after it has been dried for years; the *cynips* produced from it all females; reference to earlier accounts of the gall and of the habits of the *ozognathus*. B: P. M. (3416)

Riley, C: Valentine. [On galls growing on wild sage.] (Trans. acad. sci. St. Louis. [July ? 1873], v. 3; Journ. of proc., p. 84.)

[Verbal communication, 3 June 1872.] Occurrence of three distinct, undescribed galls on *artemisia tridentata* in Utah. B: P. M. (3417)

Riley, C: Valentine. Galls made by moths. (2d ann. rept. state entom. Mo., [Mch.] 1870, p. 132-135, fig. 98-99.)

Contains, by C: V. RILEY:—The false indigo gall-moth: *walsbri auorphella*, Clemens [Rec., 3339]. The misnamed gall-moth: *euryptychia, salignana*, Clemens [Rec., 3343]. B: P. M. (3418)

[**Riley, C: Valentine.**] Galls on *eucalyptus*. (Amer. nat., May [16 Apr.] 1881, v. 15, p. 402.) (Riley, C: V. Entomology... [May 1881], p. 402.)

Probable character of two galls occurring on *eucalyptus gracilis* in Australia, and described by R: Me. Lachlan. B: P. M. (3419)

[**Riley, C: Valentine.**] Large *asilus* fly. (Amer. entom. and bot., Oct. 1870, v. 2, p. 340, 4 cm.)

Food-habits of *promachus vertebratus*, *p. bastardi* and *asilus missouriensis*; occurrence of undetermined galls under trees of *quercus alba*. B: P. M. (3420)

[**Riley, C: Valentine.**] Mite gall on sugar maple. (Amer. entom. and bot., Oct. 1870, v. 2, p. 339, 4 cm.)

Brief description of gall of *acarus aceris-crumena* o. sp., on leaves of *acer saccharinum*; occurrence of similar galls of *acarina* on plum and cherry. B: P. M. (3421)

[**Riley, C: Valentine.**] Mossy rose gall. (Amer. entom. and bot., May 1870, v. 2, p. 213, 12 cm., fig. 130.)

Description of gall, larva and imago of *rhodites rosae* and of larva of a parasite on it; figure of the gall. B: P. M. (3422)

[**Riley, C: Valentine.**] Moths attracted by falling water. (Amer. nat. Oct. [28 Sep.] 1882, v. 16, p. 826.) (RILEY, C: V. Entomology... [Oct. 1882], p. 826.)

Notice of J. S. Gardner's "Moths attracted by falling water" (Nature, 9 Mch. 1882, v. 25, p. 439) [Rec., 3370]; gleaming water-falls in Iceland as attractive to moths as artificial light would be. B: P. M. (3423)

[**Riley, C: Valentine.**] "A mystery in reference to *pronuba yuccasella*." (Amer. entom., Dec. 1880, v. 3, n. s., v. 1, p. 293, 16 cm.)

Crit. rev. of H. A. Hagen's "A mystery in reference to *pronuba yuccasella*" (Can. entom., July 1880, v. 12, p. 128-129) [Rec., 3378]; Hagen confounded *prodovus decipiens* with *tegeticala yuccasella* in his article, and published no correction of the error after he found it out. B: P. M. (3424)

Riley, C: Valentine. Oak apple. (Americyclop... Appleton, 1875, v. 12, p. 558-559, 3 fig.)

Describes galls of *cyriips terminalis*, *c. quercus-spougifica* and *c. quercus-inanis*, and manner in which they are formed; figures the latter two galls and a parent fly; nature of galls; problems involved in the study of gall-insects. B: P. M. (3425)

[**Riley, C: Valentine.**] Oak gall: *cyriips q.-decidua* Bass. (Amer. entom., Nov. 1880, v. 3, n. s., v. 1, p. 278, 4 cm.)

Letter from J. Schneck, with answer; galls supposed to be those of *cyriips q.-decidua* found on leaves of *quercus muhlenbergii* at Mt. Carmel, Ill. B: P. M. (3426)

[**Riley, C: Valentine.**] Pithy blackberry gall. (Amer. entom., Mch. 1870, v. 2, p. 159-160, 24 cm., fig. 103.)

Description and figures of larva and gall of *diastrophus nebulosus* on *rubus*; figure of pupa; seasons, guest-fly (*aular sylvestris*) and parasite (*eurytoma diastrophii*) of the *diastrophus*; the genus *diastrophus* confined to *rosaceae*, *cyriips* to *capuliferac* and *antistrophus* to *compositae*. B: P. M. (3427)

[**Riley, C: Valentine.**] The pod-like willow gall. (Amer. entom. and bot., May 1870, v. 2, p. 214, 14 cm., fig. 133.)

Description and figures of gall of *cecidomyia salicis-siligna*, figure of larva; food-plants, *Syconym* and description of pupa of this gnat. B: P. M. (3428)

[**Riley, C: Valentine.**] Prickly rose gall. (Amer. entom. and bot., June 1870, v. 2, p. 246, 3 cm.)

Brief description of gall of *rhodites bicolor* on wild rose. B: P. M. (3429)

Say, T: Hessian fly; grain moth; cut worm. (Memoirs Phil. soc. promot. agric., 1818, v. 4, p. 236-237.)

Cecidomyia destructor oviposits in stubble of old wheat; the "grain-moth" may be *linea granella* of Europe; the parents of cut-worms probably oviposit a the roots of grass. B: P. M. (3430)

Say, T: Season of 1816. (Memoirs Phil. soc. promot. agric., 1818, v. 4, p. 224-226.)

Cecidomyia destructor unknown in Europe; *cecida septendecim* not a locust; "corn-grubs" are larvae of various species of *noctua*. B: P. M. (3431)

[**Tepper, F: and E: L: Graef.**] Synoptic table of lepidoptera. (Bull. Brooklyn entom. soc., May 1879, v. 2, p. 5-6, 1 fig.)

Synoptic table of species of the genus *colias*. Cont. from *op. cit.*, Mar. 1879, v. 1, p. 89-90. F. G. S. (3432)

Worthington, C: Ellis. Two new hesperi-ans. (Papilio, Sept. 1881, p. 132-133.)

Describes as new *eudamus oberon* and *erycides okechabee*, both from Marco Island, Fla. H. E. (3433)